

## BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN LLP

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INTELLECTUAL PROPERTY LAW  
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## FACSIMILE COVER SHEET

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Deliver to: Brian Healy, USPTO Art Group: 2874  
 Facsimile No.: 703-872-9306 Date: March 25, 2005  
 From: William E. Alford, Reg. No. 37,764  
 Our Docket No.: 3239P081D2 Number of pages 31 including this sheet.  
 : 10/648,956 : 8/27/2003  
 Docket Due Date(s): 3/28/2005

Enclosed are the following documents:

<input checked="" type="checkbox"/> Amendment: <u>Response</u> ( <u>24</u> pgs)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Appeal Brief ( <u>  </u> pgs)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application: <u>  </u> ( <u>  </u> pgs) w/cover & abstract)	<input type="checkbox"/> Petition for: <u>  </u>
<input type="checkbox"/> Assignment & Cover Sheet ( <u>  </u> pgs)	<input type="checkbox"/> Request for Continued Examination (RCE)
<input checked="" type="checkbox"/> Certificate of Facsimile	<input type="checkbox"/> Reply Brief ( <u>  </u> pgs)
<input type="checkbox"/> Continued Prosecution Application (CPA)	<input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i)
<input type="checkbox"/> Declaration & POA ( <u>  </u> pgs)	<input type="checkbox"/> Request to Rescind Previous Nonpublication Request
<input type="checkbox"/> Drawings: <u>  </u> sheets, <u>  </u> figures	<input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter
<input type="checkbox"/> Extension of Time: <u>  </u>	<input type="checkbox"/> Response to Written Opinion ( <u>  </u> pgs)
<input checked="" type="checkbox"/> Fee Transmittal (in duplicate)	<input type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> IDS & PTO/SB/08 ( <u>  3  </u> pgs)	<input type="checkbox"/> Transmittal of Publication Fee Due
<input type="checkbox"/> Other <u>  </u>	<input checked="" type="checkbox"/> Transmittal Letter

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)

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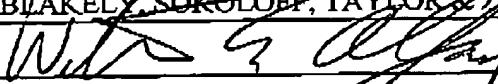
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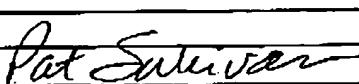
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		10/648,956
		August 27, 2003
First Named Inventor		Rajiv Ramaswami
Art Unit		2874
Examiner Name		Brian Healy
Attorney Docket Number		3239P081D2
Total Number of Pages in This Submission	31	

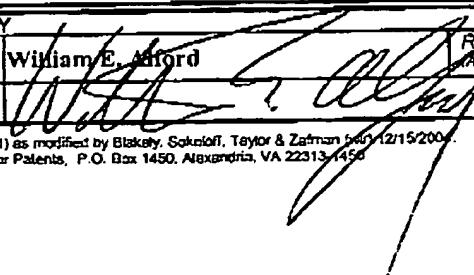
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> <div style="border: 1px solid black; height: 40px; width: 100%;">Facsimile Transmittal Sheet</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William E. Alford, Reg. No. 37,764 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	March 25, 2005

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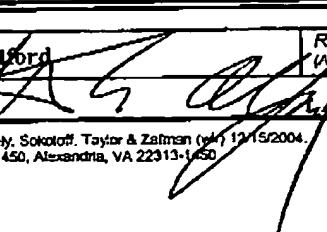
Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (Mr) 08/04/2004.  
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<b>FEE TRANSMITTAL for FY 2005</b>		<i>Complete If Known</i>																																																														
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<p><b>1. EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total Claims</td> <td style="width: 15%; text-align: center;">16</td> <td style="width: 15%;">- 20* =</td> <td style="width: 15%; text-align: center;">0</td> <td style="width: 15%; text-align: center;">x</td> <td style="width: 15%; text-align: center;">50.00</td> <td style="width: 15%; text-align: center;">=</td> <td style="width: 15%; text-align: center;">\$0.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">3</td> <td>- 3* =</td> <td style="text-align: center;">0</td> <td>x</td> <td style="text-align: center;">200.00</td> <td>=</td> <td style="text-align: center;">\$0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Large Entity</td> <td style="width: 15%;">Small Entity</td> <td style="width: 70%;"></td> </tr> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td>Fee Description</td> </tr> <tr> <td>1202 50</td> <td>2202 25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 200</td> <td>2201 100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 360</td> <td>2203 180</td> <td>Multiple Dependent claim, if not paid</td> </tr> <tr> <td>1204 300</td> <td>2204 150</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>1205 300</td> <td>2205 150</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$)</td> <td style="text-align: right;">0.00</td> </tr> </table> <p style="text-align: right; font-size: small;">*or number previously paid, if greater. For Reissues, see below</p>				Total Claims	16	- 20* =	0	x	50.00	=	\$0.00	Independent Claims	3	- 3* =	0	x	200.00	=	\$0.00	Multiple Dependent								Large Entity	Small Entity		Fee Code (\$)	Fee Code (\$)	Fee Description	1202 50	2202 25	Claims in excess of 20	1201 200	2201 100	Independent claims in excess of 3	1203 360	2203 180	Multiple Dependent claim, if not paid	1204 300	2204 150	**Reissue independent claims over original patent	1205 300	2205 150	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (1)		(\$)	0.00												
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<b>SUBMITTED BY</b>		Complete (if applicable)	
Name (Print/Type)	William E. Axford	Registration No. (Attorney/Agent)	37,764
Signature		Telephone	(714) 557-3800
		Date	03/25/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman on 12/15/2003  
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Large Entity</td> <td style="width: 10%;">Small Entity</td> <td style="width: 80%;"></td> </tr> <tr> <td>Fee Code</td> <td>Fee Code</td> <td>Fee Description</td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051 65 Surcharge - late filing fee or cash</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052 25 Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>2053</td> <td>130</td> <td>2053 130 Non-English specification</td> </tr> <tr> <td>1251</td> <td>120</td> <td>2251 60 Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>150</td> <td>2252 225 Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>1,020</td> <td>2253 510 Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,500</td> <td>2254 795 Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>2,160</td> <td>2255 1,060 Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>500</td> <td>2401 250 Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>500</td> <td>2402 250 Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>1,000</td> <td>2403 500 Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>2451 1,510 Petition to institute a public use proceeding</td> </tr> <tr> <td>1460</td> <td>130</td> <td>2460 130 Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807 50 Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806 180 Submission of Information Disclosure Stmt</td> </tr> <tr> <td>1809</td> <td>795</td> <td>1809 395 Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>790</td> <td>2810 395 For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td colspan="2" style="text-align: right;">Other fee (specify):</td> <td style="text-align: right;">IDS submission fee</td> <td style="text-align: right;">Fee Paid</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: right;">(\\$) 180.00</td> <td style="text-align: right;">180.00</td> </tr> </table>				Large Entity	Small Entity		Fee Code	Fee Code	Fee Description	1051	130	2051 65 Surcharge - late filing fee or cash	1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	2053	130	2053 130 Non-English specification	1251	120	2251 60 Extension for reply within first month	1252	150	2252 225 Extension for reply within second month	1253	1,020	2253 510 Extension for reply within third month	1254	1,500	2254 795 Extension for reply within fourth month	1255	2,160	2255 1,060 Extension for reply within fifth month	1401	500	2401 250 Notice of Appeal	1402	500	2402 250 Filing a brief in support of an appeal	1403	1,000	2403 500 Request for oral hearing	1451	1,510	2451 1,510 Petition to institute a public use proceeding	1460	130	2460 130 Petitions to the Commissioner	1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	1806	180	1806 180 Submission of Information Disclosure Stmt	1809	795	1809 395 Filing a submission after final rejection (37 CFR § 1.129(a))	1810	790	2810 395 For each additional invention to be examined (37 CFR § 1.129(b))	Other fee (specify):		IDS submission fee	Fee Paid	SUBTOTAL (2)		(\\$) 180.00	180.00
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<b>SUBMITTED BY</b>		<i>Complete if applicable</i>		
Name (Print/Type)	<u>William E. Alford</u>	Registration No. (Attorney/Agent)	<u>37,764</u>	Telephone <u>(714) 557-3800</u>
Signature				
	Date <u>03/25/05</u>			

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (ver 12/15/2004)  
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Appl. No. 10/648,956  
Dated 03/25/2005  
Reply to Office Action of 12/28/2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/648,956 Confirmation No. 4693  
Applicant : Rajiv Ramaswami, et al.  
Filed : 08/27/2003  
Title : METHOD AND APPARATUS FOR REGENERATING  
OPTICAL SIGNALS IN AN ALL-OPTICAL CROSS-  
CONNECT SWITCH  
TC/A.U. : 2883  
Examiner : Brian Healy  
  
Docket No. : 003239.P081D2  
Customer No. : 8791  
  
TC/A.U. : 2874  
Examiner : Brian Healy

## RESPONSE TO THE OFFICE ACTION

Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313

Dear Sir:

In response to the Office Action mailed on 12/28/2004,  
please enter the following remarks in the above-identified  
patent application.

SPECIFICATION amendments begin on page 2.

REMARKS begin on page 3.

CONCLUSION and signature is on page 7.

Appendix I is attached hereto after the Conclusion.

Appendix II is attached hereto after Appendix I.

Appendix III is attached hereto after Appendix II.